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PATENT ABSTRACTS OF JAPAN

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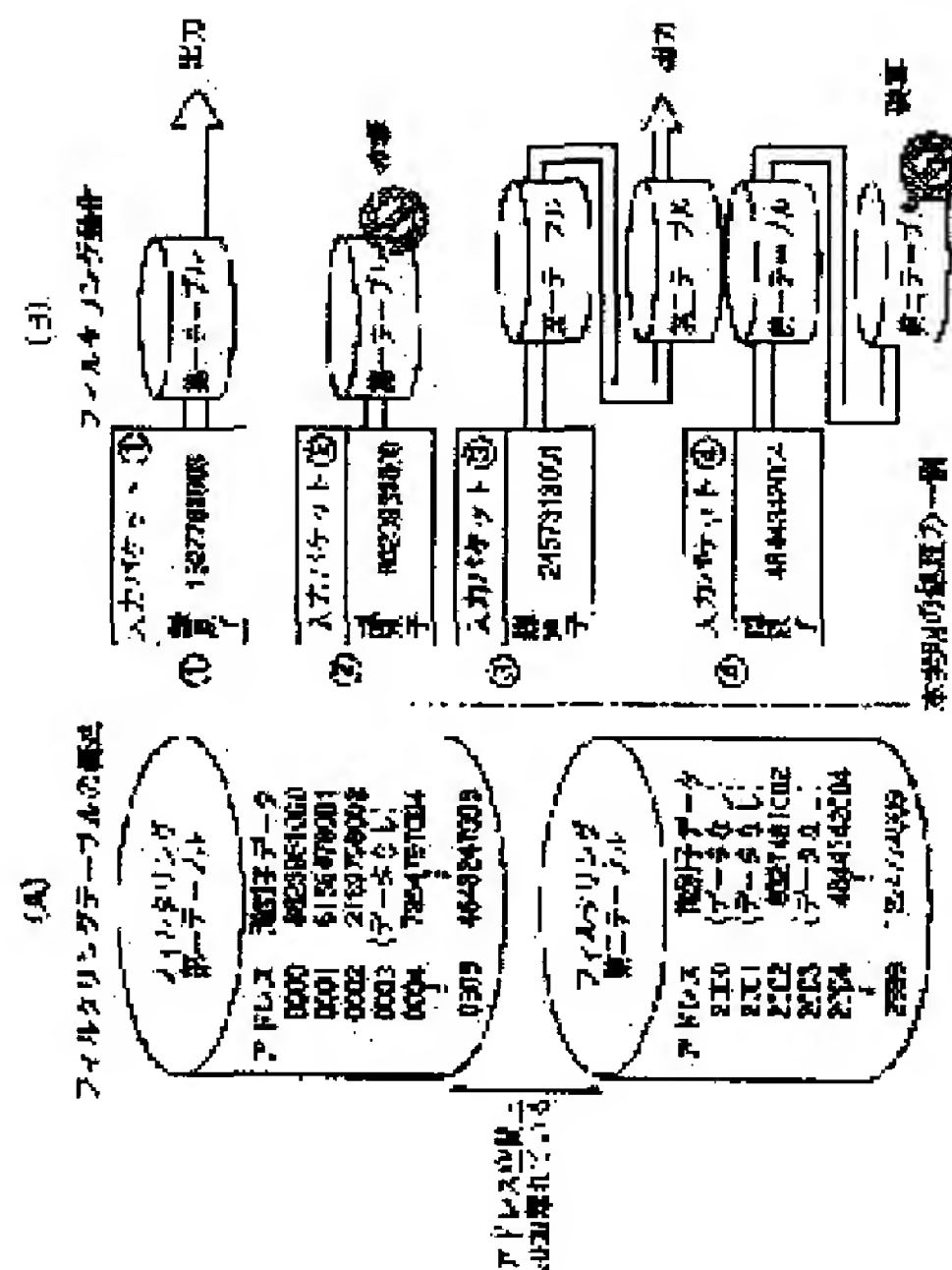
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(54) METHOD FOR FILTERING PACKET

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a method for improving probability that registration of a plurality of packets with the same collision rate between packets, namely, of which a part of identifiers are the same in a table is needed without extending a filtering table by using a part of the packets for calculation of storage addresses of pieces of data on the filtering table in filtering of the packets.

SOLUTION: The filtering table is constituted of multi-stages, when an identifier of an arrival packet is not coincident with data to be stored in an address to be obtained from an identifier of an arrival packet of a filtering table at a certain stage, whether or not the identifier is coincident with data to be stored in an address to be obtained from an identifier of an arrival packet in a filtering table at the next stage is inspected and such an inspection is repeated by progressing stages of the filtering table until the identifier of the arrival packet is coincident with the data to be stored in the address to be obtained from the identifier.



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